

Attorney's Docket:  
064731/0184

PATENT  
09/853,318

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Takeshi Hoshida  
Serial No.: 09/853,318  
Filing Date: May 10, 2001  
Group:  
Title: RECEIVER AND METHOD FOR A MULTICHANNEL  
OPTICAL COMMUNICATION SYSTEM

Assistant Commissioner  
for Patents  
Washington, DC 20231

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

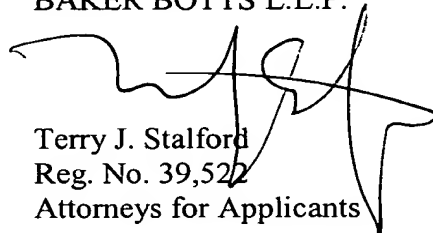
Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of this art is enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(g) and (h), no representation is made that this art is material to patentability of the present application or that a search has been made.

This Information Disclosure Statement is being submitted before an Office Action on the merits, and therefore, pursuant to 37 C.F.R. 1.97(b), no fee is believed to be

due. If, however, a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.



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Date: 7/6/01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Takeshi Hoshida  
Serial No. 09/853,318  
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Group Art Unit:  
Title: RECEIVER AND METHOD FOR A  
MULTICHANNEL OPTICAL COMMUNICATION  
SYSTEM

Honorable Assistant Commissioner  
For Patents  
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Information Disclosure Statement, Information Disclosure Citation (PTO-1449 form) with twenty-three (23) references, and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 6th day of July, 2001 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Willie Jiles*  
\_\_\_\_\_  
Willie Jiles

Express Mail Receipt  
No. EL 759107624 US  
Attorney's Docket: 064731.0184



PTO-1449  <b>Information Disclosure Citation in an Application</b>	Application No. 09/853,318	Applicant(s) Takeshi Hoshida	
	Docket Number 064731.0184	Group Art Unit	Filing Date May 10, 2001

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	T						
	U						
	V						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	W							
	X							
	Y							
	Z							
	AA							

### NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
CAN	BB	T. Miyano, et al., "Suppression of Degradation Induced by SPM/XPM+GVD in WDM transmission using a bit-synchronous intensity modulated DPSK signal," Fifth Optoelectronics and Communications Conference (OECC 2000) Technical Digest (Related article by same authors entitled "WDM transmission using bit-synchronous intensity modulated DPSK signals," at proceedings of the 2000 IEICE general conference, B-10-135, p. 510, March 2000 (in Japanese)).	July, 2000
CAN	CC	"Wavelength Division Multiplexing (WDM)," <a href="http://www.lightreading.com/document.asp">http://www.lightreading.com/document.asp</a>	Printed May 9, 2001
CAN	DD	"Nonlinear Effects," <a href="http://www.lightreading.com/document.asp">http://www.lightreading.com/document.asp</a>	Printed May 9, 2001
CAN	EE	"Optical Amplification," <a href="http://www.lightreading.com/document.asp">http://www.lightreading.com/document.asp</a>	Printed May 9, 2001
CAN	FF	"Erbium Doped-Fiber Amplifiers (EDFAs)," <a href="http://www.lightreading.com/document.asp">http://www.lightreading.com/document.asp</a>	Printed May 9, 2001
CAN	GG	"Raman Amplification," <a href="http://www.lightreading.com/document.asp">http://www.lightreading.com/document.asp</a>	Printed May 9, 2001
CAN	HH	S. Chinn, et al., "Sensitivity of Optically Pre-amplified DPSK Receivers with Fabry-Perot Filters," Journal of Lightwave Technology, Vol. 14, No. 3, pp. 370-376.	March, 1996
CAN	II	G. Jacobsen, <i>Noise in Digital Optical Transmission Systems</i> , Artech House (Boston), p. 25.	July, 1994

EXAMINER

CHAU M. NGUYEN

DATE CONSIDERED

02/10/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 <b>Information Disclosure Citation in an Application</b>	Application No. 09/853,318	Applicant(s) <b>Takeshi Hoshida</b>	
	Docket Number 064731.0184	Group Art Unit	Filing Date <b>May 10, 2001</b>

## U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CMN	A	5,546,480	08/13/96	Leonard	385	3	04/28/95
CMN	B	5,633,741	05/27/97	Giles	359	124	02/23/95
CMN	C	5,778,014	07/07/98	Islam	372	6	12/23/96
CMN	D	5,896,211	04/20/99	Watanabe	359	124	10/24/97
CMN	E	5,898,517	04/27/99	Weis	356	5.09	01/15/98
CMN	F	5,986,782	11/16/99	Alexander et al.	359	110	05/29/97
CMN	G	6,021,233	02/01/00	Koehler	385	24	02/12/98
CMN	H	6,049,706	04/11/00	Cook et al.	455	313	10/21/98
CMN	I	6,118,397	09/12/00	Heflinger	341	137	06/17/98
CMN	J	6,147,796	10/14/00	Ma et al.	359	341	01/12/99
CMN	K	6,163,636	12/19/00	Stentz et al.	385	24	01/19/99
CMN	L	6,178,208 B1	01/23/01	Gershon	375	322	12/18/97
	M						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	N							
	O							
	P							

## NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
CMN	Q	T. Ito, et al., "6.4 Tb/s (160 x 40 Gb/s) WDM Transmission Experiment with 0.8 bit/s/Hz Spectral Efficiency, Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.1 (Munich).	September, 2000
CMN	R	S. Bigo, et al., "5.12 Tb/s (128x40 Gbit/s WDM) Transmission over 3x100 km OF TeraLight™ Fibre," Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.2 (Munich).	September, 2000
CMN	S	A. Färbert, et al., "7 Tb/s (176x40 Gb/s) BiDirectional Interleaved Transmission with 50 GHz Channel Spacing, Technical Digest of European Conference on Optical Communications 2000 (ECOC 2000), postdeadline paper 1.2 (Munich).	September, 2000

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